

Mitul A Mehta

List of Publications by Year in descending order

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206
papers

12,701
citations

29994

54
h-index

30848

102
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226
all docs

226
docs citations

226
times ranked

15398
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposite Effects of Δ^9 -Tetrahydrocannabinol and Cannabidiol on Human Brain Function and Psychopathology. <i>Neuropsychopharmacology</i> , 2010, 35, 764-774.	2.8	595
2	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017, 4, 310-319.	3.7	565
3	Salience network integrity predicts default mode network function after traumatic brain injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4690-4695.	3.3	523
4	Methylphenidate Enhances Working Memory by Modulating Discrete Frontal and Parietal Lobe Regions in the Human Brain. <i>Journal of Neuroscience</i> , 2000, 20, RC65-RC65.	1.7	496
5	Distinct frontal systems for response inhibition, attentional capture, and error processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6106-6111.	3.3	464
6	Amygdala, hippocampal and corpus callosum size following severe early institutional deprivation: The English and Romanian Adoptees Study Pilot. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2009, 50, 943-951.	3.1	411
7	Cognitive deficits in people who have recovered from COVID-19. <i>EClinicalMedicine</i> , 2021, 39, 101044.	3.2	348
8	Ketamine effects on brain GABA and glutamate levels with 1H-MRS: relationship to ketamine-induced psychopathology. <i>Molecular Psychiatry</i> , 2012, 17, 664-665.	4.1	260
9	Effects of profound early institutional deprivation: An overview of findings from a UK longitudinal study of Romanian adoptees. <i>European Journal of Developmental Psychology</i> , 2007, 4, 332-350.	1.0	255
10	Methylphenidate improves working memory and set-shifting in AD/HD: relationships to baseline memory capacity. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004, 45, 293-305.	3.1	246
11	Cognitive enhancement by drugs in health and disease. <i>Trends in Cognitive Sciences</i> , 2011, 15, 28-36.	4.0	223
12	Measuring fMRI reliability with the intra-class correlation coefficient. <i>NeuroImage</i> , 2009, 45, 758-768.	2.1	219
13	Improved short-term spatial memory but impaired reversal learning following the dopamine D2 agonist bromocriptine in human volunteers. <i>Psychopharmacology</i> , 2001, 159, 10-20.	1.5	213
14	Hypo-responsive Reward Anticipation in the Basal Ganglia following Severe Institutional Deprivation Early in Life. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2316-2325.	1.1	210
15	Systemic sulpiride in young adult volunteers simulates the profile of cognitive deficits in Parkinson's disease. <i>Psychopharmacology</i> , 1999, 146, 162-174.	1.5	207
16	Neuropsychological predictors of clinical outcome in opiate addiction. <i>Drug and Alcohol Dependence</i> , 2008, 94, 82-91.	1.6	179
17	Impaired set-shifting and dissociable effects on tests of spatial working memory following the dopamine D2 receptor antagonist sulpiride in human volunteers. <i>Psychopharmacology</i> , 2004, 176, 331-342.	1.5	171
18	Early childhood deprivation is associated with alterations in adult brain structure despite subsequent environmental enrichment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 641-649.	3.3	161

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19	A Longitudinal Functional Magnetic Resonance Imaging Study of Verbal Working Memory in Depression After Antidepressant Therapy. <i>Biological Psychiatry</i> , 2007, 62, 1236-1243.	0.7	159
20	The dopaminergic basis of human behaviors: A review of molecular imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 1109-1132.	2.9	150
21	DAT1 and COMT Effects on Delay Discounting and Trait Impulsivity in Male Adolescents with Attention Deficit/Hyperactivity Disorder and Healthy Controls. <i>Neuropsychopharmacology</i> , 2010, 35, 2414-2426.	2.8	150
22	Early repolarization. <i>Clinical Cardiology</i> , 1999, 22, 59-65.	0.7	136
23	Functional MRI in ADHD: a systematic literature review. <i>Expert Review of Neurotherapeutics</i> , 2007, 7, 1337-1356.	1.4	129
24	Can recreational doses of THC produce significant dopamine release in the human striatum?. <i>NeuroImage</i> , 2009, 48, 186-190.	2.1	124
25	Methylphenidate (â€ˆRitalinâ€™™) can Ameliorate Abnormal Risk-Taking Behavior in the Frontal Variant of Frontotemporal Dementia. <i>Neuropsychopharmacology</i> , 2006, 31, 651-658.	2.8	123
26	The testâ€™retest reliability of 18F-DOPA PET in assessing striatal and extrastriatal presynaptic dopaminergic function. <i>NeuroImage</i> , 2010, 50, 524-531.	2.1	121
27	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	4.0	120
28	Testâ€™retest reliability of the BOLD pharmacological MRI response to ketamine in healthy volunteers. <i>NeuroImage</i> , 2013, 64, 75-90.	2.1	103
29	Further human evidence for striatal dopamine release induced by administration of Δ^9 -tetrahydrocannabinol (THC): selectivity to limbic striatum. <i>Psychopharmacology</i> , 2015, 232, 2723-2729.	1.5	103
30	Correction of head movement on PET studies: comparison of methods. <i>Journal of Nuclear Medicine</i> , 2006, 47, 1936-44.	2.8	102
31	Quantifying the Attenuation of the Ketamine Pharmacological Magnetic Resonance Imaging Response in Humans: A Validation Using Antipsychotic and Glutamatergic Agents. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 151-160.	1.3	98
32	Acute effects of singleâ€™dose aripiprazole and haloperidol on resting cerebral blood flow (rCBF) in the human brain. <i>Human Brain Mapping</i> , 2013, 34, 272-282.	1.9	97
33	<sc>JuSpace</sc>: A tool for spatial correlation analyses of magnetic resonance imaging data with nuclear imaging derived neurotransmitter maps. <i>Human Brain Mapping</i> , 2021, 42, 555-566.	1.9	95
34	Exploring the physiological effects of double-cone coil TMS over the medial frontal cortex on the anterior cingulate cortex: an H215O PET study. <i>European Journal of Neuroscience</i> , 2007, 25, 2224-2233.	1.2	93
35	Effects of route of administration on oxytocin-induced changes in regional cerebral blood flow in humans. <i>Nature Communications</i> , 2020, 11, 1160.	5.8	91
36	Disorder-Specific Predictive Classification of Adolescents with Attention Deficit Hyperactivity Disorder (ADHD) Relative to Autism Using Structural Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e63660.	1.1	85

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37	Acute dietary tryptophan depletion impairs maintenance of "affective set" and delayed visual recognition in healthy volunteers. <i>Psychopharmacology</i> , 2001, 154, 319-326.	1.5	84
38	Pattern Classification of Working Memory Networks Reveals Differential Effects of Methylphenidate, Atomoxetine, and Placebo in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2011, 36, 1237-1247.	2.8	81
39	A positron emission tomography (PET) investigation of the role of striatal dopamine (D2) receptor availability in spatial cognition. <i>NeuroImage</i> , 2005, 28, 216-226.	2.1	78
40	Dopaminergic Enhancement of Cognitive Function. <i>Current Pharmaceutical Design</i> , 2006, 12, 2487-2500.	0.9	78
41	Striatal Sensitivity During Reward Processing in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012, 51, 722-732.e9.	0.3	78
42	Cerebral blood flow predicts differential neurotransmitter activity. <i>Scientific Reports</i> , 2018, 8, 4074.	1.6	78
43	Glutamate/glutamine and neuronal integrity in adults with ADHD: a proton MRS study. <i>Translational Psychiatry</i> , 2014, 4, e373-e373.	2.4	75
44	Modelling psychiatric and cultural possession phenomena with suggestion and fMRI. <i>Cortex</i> , 2014, 53, 107-119.	1.1	73
45	Catecholamines and cognition after traumatic brain injury. <i>Brain</i> , 2016, 139, 2345-2371.	3.7	73
46	Neuropsychological deficits in tests of executive function in asymptomatic and symptomatic HIV-1 seropositive men. <i>Psychological Medicine</i> , 1995, 25, 1233-1246.	2.7	72
47	Significant decreases in frontal and temporal [11C]-raclopride binding after THC challenge. <i>NeuroImage</i> , 2010, 52, 1521-1527.	2.1	72
48	Mesolimbic Dopamine Function Is Related to Salience Network Connectivity: An Integrative Positron Emission Tomography and Magnetic Resonance Study. <i>Biological Psychiatry</i> , 2019, 85, 368-378.	0.7	72
49	Dissociable effects of methylphenidate, atomoxetine and placebo on regional cerebral blood flow in healthy volunteers at rest: A multi-class pattern recognition approach. <i>NeuroImage</i> , 2012, 60, 1015-1024.	2.1	67
50	Classification of schizophrenic patients and healthy controls using [18F] fluorodopa PET imaging. <i>Schizophrenia Research</i> , 2008, 106, 148-155.	1.1	66
51	Neural Correlates of Error Processing in Young People With a History of Severe Childhood Abuse: An fMRI Study. <i>American Journal of Psychiatry</i> , 2015, 172, 892-900.	4.0	66
52	The Effects of The COMT val108/158met Polymorphism on BOLD Activation During Working Memory, Planning, and Response Inhibition: A Role for The Posterior Cingulate Cortex?. <i>Neuropsychopharmacology</i> , 2011, 36, 763-771.	2.8	65
53	Ketamine induces a robust whole-brain connectivity pattern that can be differentially modulated by drugs of different mechanism and clinical profile. <i>Psychopharmacology</i> , 2015, 232, 4205-4218.	1.5	64
54	EMOTICOM: A Neuropsychological Test Battery to Evaluate Emotion, Motivation, Impulsivity, and Social Cognition. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 25.	1.0	64

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55	Effects of acute nicotine on brain function in healthy smokers and non-smokers: Estimation of inter-individual response heterogeneity. <i>NeuroImage</i> , 2009, 45, 549-561.	2.1	63
56	Grey matter volume and thickness abnormalities in young people with a history of childhood abuse. <i>Psychological Medicine</i> , 2018, 48, 1034-1046.	2.7	58
57	Associations between dimensions of behaviour, personality traits, and mental-health during the COVID-19 pandemic in the United Kingdom. <i>Nature Communications</i> , 2021, 12, 4111.	5.8	58
58	The effect of topiramate on cognitive fMRI. <i>Epilepsy Research</i> , 2013, 105, 250-255.	0.8	57
59	Amelioration of specific working memory deficits by methylphenidate in a case of adult attention deficit/hyperactivity disorder. <i>Journal of Psychopharmacology</i> , 2000, 14, 299-302.	2.0	56
60	Systemic sulpiride modulates striatal blood flow: relationships to spatial working memory and planning. <i>NeuroImage</i> , 2003, 20, 1982-1994.	2.1	56
61	A dose of ruthlessness: Interpersonal moral judgment is hardened by the anti-anxiety drug lorazepam.. <i>Journal of Experimental Psychology: General</i> , 2013, 142, 612-620.	1.5	56
62	The Neural Correlates of Declining Performance with Age: Evidence for Age-Related Changes in Cognitive Control. <i>Cerebral Cortex</i> , 2005, 16, 1739-1749.	1.6	55
63	Dopamine D2 receptor occupancy levels of acute sulpiride challenges that produce working memory and learning impairments in healthy volunteers. <i>Psychopharmacology</i> , 2008, 196, 157-165.	1.5	55
64	Increased cerebral perfusion in adult attention deficit hyperactivity disorder is normalised by stimulant treatment: A non-invasive MRI pilot study. <i>NeuroImage</i> , 2008, 42, 36-41.	2.1	55
65	Frontal and parietal activity after sleep deprivation is dependent on task difficulty and can be predicted by the fMRI response after normal sleep. <i>Behavioural Brain Research</i> , 2012, 233, 62-70.	1.2	55
66	Methylphenidate Effects on Prefrontal Functioning During Attentional-Capture and Response Inhibition. <i>Biological Psychiatry</i> , 2012, 72, 142-149.	0.7	54
67	Sulpiride and mnemonic function: effects of a dopamine D2 receptor antagonist on working memory, emotional memory and long-term memory in healthy volunteers. <i>Journal of Psychopharmacology</i> , 2005, 19, 29-38.	2.0	51
68	Applications of functional magnetic resonance imaging in psychiatry. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 851-861.	1.9	51
69	Effects of δ^9 -Tetrahydrocannabinol Administration on Human Encoding and Recall Memory Function: A Pharmacological fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 588-599.	1.1	51
70	The effects of acute tyrosine and phenylalanine depletion on spatial working memory and planning in healthy volunteers are predicted by changes in striatal dopamine levels. <i>Psychopharmacology</i> , 2005, 180, 654-663.	1.5	49
71	Disorder-specific grey matter deficits in attention deficit hyperactivity disorder relative to autism spectrum disorder. <i>Psychological Medicine</i> , 2015, 45, 965-976.	2.7	48
72	Altered fear processing in adolescents with a history of severe childhood maltreatment: an fMRI study. <i>Psychological Medicine</i> , 2018, 48, 1092-1101.	2.7	48

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73	Is psychological stress in man associated with increased striatal dopamine levels?: A [11C]raclopride PET study. <i>Synapse</i> , 2006, 60, 124-131.	0.6	45
74	Double-dissociation between the mechanism leading to impulsivity and inattention in Attention Deficit Hyperactivity Disorder: A resting-state functional connectivity study. <i>Cortex</i> , 2017, 86, 290-302.	1.1	45
75	Test-retest reliability and longitudinal analysis of automated hippocampal subregion volumes in healthy ageing and Alzheimer's disease populations. <i>Human Brain Mapping</i> , 2018, 39, 1743-1754.	1.9	45
76	Tracking emotions in the brain - Revisiting the Empathic Accuracy Task. <i>NeuroImage</i> , 2018, 178, 677-686.	2.1	44
77	Striatal dopamine (D2) receptor availability predicts socially desirable responding. <i>NeuroImage</i> , 2007, 34, 1782-1789.	2.1	43
78	Associations between polygenic risk scores for four psychiatric illnesses and brain structure using multivariate pattern recognition. <i>NeuroImage: Clinical</i> , 2018, 20, 1026-1036.	1.4	43
79	Salivary and plasmatic oxytocin are not reliable trait markers of the physiology of the oxytocin system in humans. <i>ELife</i> , 2020, 9, .	2.8	43
80	Dopamine Release in the Human Striatum: Motor and Cognitive Tasks Revisited. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 554-564.	2.4	42
81	Increasing pharmacological knowledge about human neurological and psychiatric disorders through functional neuroimaging and its application in drug discovery. <i>Current Opinion in Pharmacology</i> , 2014, 14, 54-61.	1.7	42
82	The functional anatomy and connectivity of thought insertion and alien control of movement. <i>Cortex</i> , 2015, 64, 380-393.	1.1	42
83	Brain activation to cues predicting inescapable delay in adolescent Attention Deficit/Hyperactivity Disorder: An fMRI pilot study. <i>Brain Research</i> , 2012, 1450, 57-66.	1.1	41
84	Quantifying the test-retest reliability of cerebral blood flow measurements in a clinical model of on-going post-surgical pain: A study using pseudo-continuous arterial spin labelling. <i>NeuroImage: Clinical</i> , 2013, 3, 301-310.	1.4	41
85	Receptor-Enriched Analysis of functional connectivity by targets (REACT): A novel, multimodal analytical approach informed by PET to study the pharmacodynamic response of the brain under MDMA. <i>NeuroImage</i> , 2019, 195, 252-260.	2.1	40
86	The effect of ageing on grey and white matter reductions in schizophrenia. <i>Schizophrenia Research</i> , 2009, 112, 7-13.	1.1	39
87	Plasma protein biomarkers of Alzheimer's disease endophenotypes in asymptomatic older twins: early cognitive decline and regional brain volumes. <i>Translational Psychiatry</i> , 2015, 5, e584-e584.	2.4	39
88	Risky decision-making predicts short-term outcome of community but not residential treatment for opiate addiction. Implications for case management. <i>Drug and Alcohol Dependence</i> , 2011, 118, 12-18.	1.6	38
89	Limbic striatal dopamine D2/3 receptor availability is associated with non-planning impulsivity in healthy adults after exclusion of potential dissimulators. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 60-64.	0.9	38
90	The role of machine learning in neuroimaging for drug discovery and development. <i>Psychopharmacology</i> , 2015, 232, 4179-4189.	1.5	37

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91	Executive Functions and Prefrontal Cortex: A Matter of Persistence?. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 3.	1.2	36
92	The anterior cingulate cortex as a key locus of ketamine's antidepressant action. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 531-554.	2.9	36
93	Presynaptic 5-HT1A is Related to 5-HTT Receptor Density in the Human Brain. <i>Neuropsychopharmacology</i> , 2011, 36, 2258-2265.	2.8	35
94	Group II metabotropic glutamate receptor agonist prodrugs LY2979165 and LY2140023 attenuate the functional imaging response to ketamine in healthy subjects. <i>Psychopharmacology</i> , 2018, 235, 1875-1886.	1.5	35
95	The relationship between different types of dissociation and psychosis-like experiences in a non-clinical sample. <i>Consciousness and Cognition</i> , 2016, 41, 83-92.	0.8	34
96	Prefrontal cortex dopamine release measured in vivo with positron emission tomography: Implications for the stimulant paradigm. <i>NeuroImage</i> , 2016, 142, 663-667.	2.1	34
97	Ketamine modulates subgenual cingulate connectivity with the memory-related neural circuitry: a mechanism of relevance to resistant depression?. <i>PeerJ</i> , 2016, 4, e1710.	0.9	34
98	Medication received by patients with depression following the acute episode: adequacy and relation to outcome. <i>British Journal of Psychiatry</i> , 1999, 174, 128-134.	1.7	33
99	Reduced functional connectivity of fronto-parietal sustained attention networks in severe childhood abuse. <i>PLoS ONE</i> , 2017, 12, e0188744.	1.1	33
100	Cognitive and motor effects of dopaminergic medication withdrawal in Parkinson's disease. <i>Neuropsychologia</i> , 2004, 42, 1917-1926.	0.7	31
101	Phenomenologically distinct psychotomimetic effects of ketamine are associated with cerebral blood flow changes in functionally relevant cerebral foci: a continuous arterial spin labelling study. <i>Psychopharmacology</i> , 2015, 232, 4515-4524.	1.5	31
102	The functional anatomy of suggested limb paralysis. <i>Cortex</i> , 2013, 49, 411-422.	1.1	30
103	Nature or Nurture? Determining the Heritability of Human Striatal Dopamine Function: an [18F]-DOPA PET Study. <i>Neuropsychopharmacology</i> , 2013, 38, 485-491.	2.8	30
104	Using Hypnotic Suggestion to Model Loss of Control and Awareness of Movements: An Exploratory fMRI Study. <i>PLoS ONE</i> , 2013, 8, e78324.	1.1	30
105	Different Dopaminergic Abnormalities Underlie Cannabis Dependence and Cannabis-Induced Psychosis. <i>Biological Psychiatry</i> , 2014, 75, 430-431.	0.7	30
106	Are You Suggesting That's My Hand? The Relation Between Hypnotic Suggestibility and the Rubber Hand Illusion. <i>Perception</i> , 2015, 44, 709-723.	0.5	30
107	Loss of phosphodiesterase 4 in Parkinson disease. <i>Neurology</i> , 2017, 89, 586-593.	1.5	30
108	Increased cerebral blood flow after single dose of antipsychotics in healthy volunteers depends on dopamine D2 receptor density profiles. <i>NeuroImage</i> , 2019, 188, 774-784.	2.1	30

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109	Acute effect of the anti-addiction drug bupropion on extracellular dopamine concentrations in the human striatum: An [¹¹ C]raclopride PET study. <i>NeuroImage</i> , 2010, 50, 260-266.	2.1	29
110	Neurofunctional Abnormalities during Sustained Attention in Severe Childhood Abuse. <i>PLoS ONE</i> , 2016, 11, e0165547.	1.1	29
111	The dopaminergic basis of cognitive and motor performance in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2010, 37, 477-482.	2.1	28
112	The "highs and lows" of the human brain on dopaminergics: Evidence from neuropharmacology. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 80, 351-371.	2.9	27
113	An investigation of regional cerebral blood flow and tissue structure changes after acute administration of antipsychotics in healthy male volunteers. <i>Human Brain Mapping</i> , 2018, 39, 319-331.	1.9	27
114	An experimental medicine study of the phosphodiesterase-4 inhibitor, roflumilast, on working memory-related brain activity and episodic memory in schizophrenia patients. <i>Psychopharmacology</i> , 2021, 238, 1279-1289.	1.5	27
115	Using suggestion to model different types of automatic writing. <i>Consciousness and Cognition</i> , 2014, 26, 24-36.	0.8	26
116	Brain structure in women at risk of postpartum psychosis: an MRI study. <i>Translational Psychiatry</i> , 2017, 7, 1286.	2.4	26
117	Psilocybin and MDMA reduce costly punishment in the Ultimatum Game. <i>Scientific Reports</i> , 2018, 8, 8236.	1.6	25
118	Chronic psychosocial stressors are associated with alterations in salience processing and corticostriatal connectivity. <i>Schizophrenia Research</i> , 2019, 213, 56-64.	1.1	25
119	Multivariate decoding of brain images using ordinal regression. <i>NeuroImage</i> , 2013, 81, 347-357.	2.1	24
120	Facial affect processing deficits in schizophrenia: A meta-analysis of antipsychotic treatment effects. <i>Journal of Psychopharmacology</i> , 2015, 29, 224-229.	2.0	24
121	MDMA Increases Cooperation and Recruitment of Social Brain Areas When Playing Trustworthy Players in an Iterated Prisoner's Dilemma. <i>Journal of Neuroscience</i> , 2019, 39, 307-320.	1.7	24
122	Direct verbal suggestibility: Measurement and significance. <i>Consciousness and Cognition</i> , 2021, 89, 103036.	0.8	24
123	Differential contributions of serotonergic and dopaminergic functional connectivity to the phenomenology of LSD. <i>Psychopharmacology</i> , 2022, 239, 1797-1808.	1.5	23
124	Bringing memory fMRI to the clinic: Comparison of seven memory fMRI protocols in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2015, 36, 1595-1608.	1.9	22
125	Effects of ketamine on brain function during smooth pursuit eye movements. <i>Human Brain Mapping</i> , 2016, 37, 4047-4060.	1.9	22
126	Brain mechanisms for loss of awareness of thought and movement. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 793-801.	1.5	22

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127	Biological stress response in women at risk of postpartum psychosis: The role of life events and inflammation. <i>Psychoneuroendocrinology</i> , 2020, 113, 104558.	1.3	22
128	Risk factors for postpartum relapse in women at risk of postpartum psychosis: The role of psychosocial stress and the biological stress system. <i>Psychoneuroendocrinology</i> , 2021, 128, 105218.	1.3	22
129	Human Cognition Assessment in Drug Research. <i>Current Pharmaceutical Design</i> , 2006, 12, 2525-2539.	0.9	21
130	Perceptual distortions and delusional thinking following ketamine administration are related to increased pharmacological MRI signal changes in the parietal lobe. <i>Journal of Psychopharmacology</i> , 2015, 29, 1025-1028.	2.0	21
131	The impact of COVID-19 social isolation on aspects of emotional and social cognition. <i>Cognition and Emotion</i> , 2022, 36, 49-58.	1.2	21
132	NEUROSCIENCE: Boosting Working Memory. <i>Science</i> , 2000, 290, 2275-2276.	6.0	19
133	Modulatory effects of ketamine, risperidone and lamotrigine on resting brain perfusion in healthy human subjects. <i>Psychopharmacology</i> , 2015, 232, 4191-4204.	1.5	19
134	The response to rapid infusion of fentanyl in the human brain measured using pulsed arterial spin labelling. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 163-175.	1.1	18
135	Paranoia, sensitization and social inference: findings from two large-scale, multi-round behavioural experiments. <i>Royal Society Open Science</i> , 2020, 7, 191525.	1.1	18
136	General and emotion-specific neural effects of ketamine during emotional memory formation. <i>NeuroImage</i> , 2017, 150, 308-317.	2.1	17
137	Normalizing the Abnormal: Do Antipsychotic Drugs Push the Cortex Into an Unsustainable Metabolic Envelope?. <i>Schizophrenia Bulletin</i> , 2020, 46, 484-495.	2.3	17
138	Unravelling the effects of methylphenidate on the dopaminergic and noradrenergic functional circuits. <i>Neuropsychopharmacology</i> , 2020, 45, 1482-1489.	2.8	17
139	The cortical thickness phenotype of individuals with DISC1 translocation resembles schizophrenia. <i>Journal of Clinical Investigation</i> , 2015, 125, 3714-3722.	3.9	16
140	FosB in the Suprachiasmatic Nucleus of the Syrian and Siberian Hamster. <i>Brain Research Bulletin</i> , 1996, 41, 257-268.	1.4	15
141	Combined D1/D2 receptor stimulation under conditions of dopamine depletion impairs spatial working memory performance in humans. <i>Psychopharmacology</i> , 2005, 181, 771-780.	1.5	15
142	Potential enhancing effects of histamine H_1 agonism/ H_3 antagonism on working memory assessed by performance and bold response in healthy volunteers. <i>British Journal of Pharmacology</i> , 2013, 170, 144-155.	2.7	15
143	Mapping brain structural differences and neuroreceptor correlates in Parkinson's disease visual hallucinations. <i>Nature Communications</i> , 2022, 13, 519.	5.8	15
144	The role of P-glycoprotein in CNS antihistamine effects. <i>Psychopharmacology</i> , 2013, 229, 9-19.	1.5	14

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145	Cooperative Behavior in the Ultimatum Game and Prisoner's Dilemma Depends on Players' Contributions. <i>Frontiers in Psychology</i> , 2017, 8, 1017.	1.1	14
146	COVID-19 induced social isolation; implications for understanding social cognition in mental health. <i>Psychological Medicine</i> , 2022, 52, 3748-3749.	2.7	14
147	Dopamine manipulations modulate paranoid social inferences in healthy people. <i>Translational Psychiatry</i> , 2020, 10, 214.	2.4	14
148	Challenges in CNS drug development and the role of imaging. <i>Psychopharmacology</i> , 2021, 238, 1229-1230.	1.5	14
149	A Novel Virtual Reality Assessment of Functional Cognition: Validation Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e27641.	2.1	14
150	Psilocybin and Mental Health "Don't Lose Control. <i>Frontiers in Psychiatry</i> , 2018, 9, 293.	1.3	13
151	Altered Functional Connectivity of Fronto-Cingulo-Striatal Circuits during Error Monitoring in Adolescents with a History of Childhood Abuse. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 7.	1.0	13
152	Modulation of anterior cingulate cortex reward and penalty signalling in medication-naïve young-adult subjects with depressive symptoms following acute dose lurasidone. <i>Psychological Medicine</i> , 2019, 49, 1365-1377.	2.7	13
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